63,485.÷
31.=
2,047.90322258*

2,047.90322258×
10.%
204.790322258*

204.790322258+
2,252.690548838*

AW6.1e.

PRETREATMENT MONITORING REPORT

NAME: Crompton Colors Incorporated

MAILING ADDRESS: 199 Benson Road, Mail Stop 2-4, Middlebury CT 06749-0001

FACILITY LOCATION: 52 Amsterdam Street, Newark NJ

CATEGORY & SUBPART: Unknown OUTLET #: 1

CONTACT OFFICIAL: Mr. George Collentine TELEPHONE: (203) 573-2825

NEW CUSTOMER ID / OUTLET ID: 20630008-1 OLD OUTLET DESIGNATION: 1

MONITORING PERIOD

Start			End		
08	01	08	08	31	08
MO	DAY	YR	MO	DAY	YR

	Average	Maximum
Regulated Flow-gal/day	1913	2459
Total Flow-gal/day	2048	2253

Method Used: Electromagnetic flowmeter (Toshiba Model #GF632) and remote converter/display (Toshiba Model #LF602F)
Begin meter reading on 81/08 @ 8:15 AM. End meter reading at 9/3/08 @ 12:40 PM.

Production Rate (if applicable) Not Applicable

PARAMETER		MASS OR CONCENTRATION			# OF	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS	SAMPLES	COMP/GRAB
Biochemical Ox (BOD_5)	Sample Measurement	91.2	91.2	mg/l	1	Grab
	Permit Requirement	0 (No Limit)		mg/l		
Cadmium	Sample Measurement	< 0.0005	< 0.0005	mg/l	1	Grab
	Permit Requirement	0.19		mg/l		
Copper	Sample Measurement	< 0.003	< 0.003	mg/l	1	Grab
	Permit Requirement	3.02		mg/l		
Lead	Sample Measurement	< 0.002	< 0.002	mg/l	1	Grab
	Permit Requirement	0.54		mg/l		
Mercury	Sample Measurement	< 0.0001	< 0.0001	mg/l	1	Grab
	Permit Requirement	0.080		mg/l		
Nickel	Sample Measurement	< 0.004	< 0.004	mg/l	1	Grab
	Permit Requirement	5.9		mg/l		
Zinc	Sample Measurement	< 0.006	< 0.006	mg/l	1	Grab
	Permit Requirement	1.67		mg/l		
Non-Polar Material	Sample Measurement	< 10	< 10	mg/l	1	Grab
	Permit Requirement		100	mg/l		
Total Toxic Organics	Sample Measurement	CODE=E	CODE=E	mg/l	1	Grab
	Permit Requirement	0 (No Limit)		mg/l		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-I REV: 4 6/87 P I

PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets): Not Applicable.

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: All reported analytical results comply with permit requirements

Explain Method for preserving samples: Samples were collected in laboratory-supplied containers with the appropriate preservatives (e.g., hydrochloric acid, nitric acid) in accordance with the requirements for the specific analytical methods. Samples were labeled with appropriate information, such as project name, sample identification, collection date and time, and sampler's initials. All containers were placed in an ice-filled cooler until delivery at the laboratory. A completed chain-of-custody form accompanied the samples at all times.

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal
Executive or Authorized Agent

Mr. George Collentine

Manager

Type Name and Title

9.11.08

Date

PVSC FORM MR-I REV: 5 3/91 P2

Environmental
Resources
Management

Princeton Crossroads Corp.
Center
250 Phillips Blvd., Ste. 280
Ewing, NJ 08618
(609) 895-0050
(609) 895-0111 (fax)
http://www.erm.com

ERM

19 September 2008

Ms. Saramma John
City of Newark Billing & Customer Service
920 Broad Street
Room 115 - Water Accounting
Newark, NJ 07102

RE: August 2008 Monitoring Reports
Crompton Colors, Incorporated - Newark, NJ
Customer ID 20630008-1
Discharge Begun 17 July 2007

Dear Ms. John:

On behalf of Chemtura Corporation (Chemtura), Environmental Resources Management (ERM) has prepared the attached User Charge Self Monitoring Report (PVSC Form MR-2). This form has been executed by Mr. George Collentine of Chemtura Corporation, the corporate successor to Crompton.

The groundwater recovery system has been in continuous operation since 23 April 2008. The total volume discharged to the sanitary sewer during the month of August was calculated as follows:

- Starting totalizer reading = 196,328 gallons (8:15 AM on 8/1/2008)
- Final totalizer reading = 259,813 gallons (12:40 PM on 9/3/2008)
- Total volume = 63,485 gallons

Please contact Mr. George Collentine of Chemtura at (203) 573-2825 or me if you have any questions or require additional information.

Sincerely,

Vincent P. Shea, P.E.
Senior Engineer

cc: Mr. George Collentine, Chemtura
Passaic Valley Sewerage Commissioners
File
enclosures

Analytical Results Summary

Client ID: **SysDis080108**
Site: Chemtura Newark

Lab Sample No: **939524**
Lab Job No: X679

Date Sampled: 08/01/08
Date Received: 08/01/08
Date Analyzed: 08/05/08
GC Column: Rtx-VMS
Instrument ID: VOAMS10.i
Lab File ID: r2694.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 250.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	110
Bromomethane	ND	110
Vinyl Chloride	ND	60
Chloroethane	ND	110
Methylene Chloride	ND	100
Trichlorofluoromethane	ND	92
1,1-Dichloroethene	ND	120
1,1-Dichloroethane	ND	65
trans-1,2-Dichloroethene	ND	98
cis-1,2-Dichloroethene	90	70
Chloroform	ND	50
1,2-Dichloroethane	ND	68
1,1,1-Trichloroethane	ND	95
Carbon Tetrachloride	ND	85
Bromodichloromethane	ND	62
1,2-Dichloropropane	ND	120
cis-1,3-Dichloropropene	ND	32
Trichloroethene	ND	90
Dibromochloromethane	ND	68
1,1,2-Trichloroethane	ND	55
Benzene	67	60
trans-1,3-Dichloropropene	ND	40
2-Chloroethyl Vinyl Ether	ND	62
Bromoform	ND	52
Tetrachloroethene	ND	100
1,1,2,2-Tetrachloroethane	ND	88
Toluene	ND	75
Chlorobenzene	20000	62
Ethylbenzene	ND	100
Xylene (Total)	400	100

Client ID: **SysDis080108**
Site: Chemtura Newark

Lab Sample No: **939524**
Lab Job No: X679

Date Sampled: 08/01/08
Date Received: 08/01/08
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GC Column: Rtx-VMS
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Lab File ID: r2694.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 250.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 0.0

Client ID: **SysDis080108**
Site: Chemtura Newark

Lab Sample No: **939524**
Lab Job No: X679

Date Sampled: 08/01/08
Date Received: 08/01/08
Date Extracted: 08/04/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS7.i
Lab File ID: l40541.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 200.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Phenol	ND	120
2-Chlorophenol	ND	220
2-Nitrophenol	ND	320
2,4-Dimethylphenol	ND	410
2,4-Dichlorophenol	ND	290
4-Chloro-3-methylphenol	ND	330
2,4,6-Trichlorophenol	ND	440
2,4-Dinitrophenol	ND	180
4-Nitrophenol	ND	180
4,6-Dinitro-2-methylphenol	ND	250
Pentachlorophenol	ND	420

Client ID: **SysDis080108**
Site: Chemtura Newark

Lab Sample No: **939524**
Lab Job No: X679

Date Sampled: 08/01/08
Date Received: 08/01/08
Date Extracted: 08/04/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS7.i
Lab File ID: l40541.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 200.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
N-Nitrosodimethylamine	ND	150
bis(2-Chloroethyl)ether	ND	180
1,3-Dichlorobenzene	ND	190
1,4-Dichlorobenzene	320	180
1,2-Dichlorobenzene	1300	220
bis(2-chloroisopropyl)ether	ND	170
N-Nitroso-di-n-propylamine	ND	150
Hexachloroethane	ND	180
Nitrobenzene	15000	190
Isophorone	ND	190
bis(2-Chloroethoxy)methane	ND	170
1,2,4-Trichlorobenzene	ND	180
Naphthalene	ND	42
Hexachlorobutadiene	ND	120
Hexachlorocyclopentadiene	ND	130
2-Chloronaphthalene	ND	220
Dimethylphthalate	ND	220
Acenaphthylene	ND	24
2,6-Dinitrotoluene	ND	260
Acenaphthene	ND	26
2,4-Dinitrotoluene	ND	230
Diethylphthalate	ND	160
4-Chlorophenyl-phenylether	ND	210
Fluorene	ND	32
N-Nitrosodiphenylamine	ND	210
4-Bromophenyl-phenylether	ND	240
Hexachlorobenzene	ND	65
Phenanthrene	ND	16
Anthracene	ND	24
Di-n-butylphthalate	ND	200
Fluoranthene	ND	26
Pyrene	ND	26
Benzidine	ND	1500
Butylbenzylphthalate	ND	210

Client ID: **SysDis080108**
Site: Chemtura Newark

Lab Sample No: **939524**
Lab Job No: X679

Date Sampled: 08/01/08
Date Received: 08/01/08
Date Extracted: 08/04/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS7.i
Lab File ID: l40541.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 200.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
3,3'-Dichlorobenzidine	ND	990
Benzo(a)anthracene	ND	10
Chrysene	ND	38
bis(2-Ethylhexyl)phthalate	ND	210
Di-n-octylphthalate	ND	200
Benzo(b)fluoranthene	ND	26
Benzo(k)fluoranthene	ND	18
Benzo(a)pyrene	ND	12
Indeno(1,2,3-cd)pyrene	ND	16
Dibenz(a,h)anthracene	ND	20
Benzo(g,h,i)perylene	ND	18
Aniline	31000	110

Client ID: **SysDis080108**
Site: Chemtura Newark

Lab Sample No: **939524**
Lab Job No: X679

Date Sampled: 08/01/08
Date Received: 08/01/08
Date Extracted: 08/04/08
Date Analyzed: 08/11/08
GC Column: DB-5
Instrument ID: BNAMS7.i
Lab File ID: l40541.d

Matrix: WATER
Level: LOW
Sample Volume: 990 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 200.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 625

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Toluene	3.99	7000	
2.	Benzene, chloro-	5.05	16000	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	23000

Client ID: **SysDis080108**
Site: **Chemtura Newark**

Lab Sample No: 939524
Lab Job No: X679

Date Sampled: 08/01/08
Date Received: 08/01/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Cadmium	ND	0.50		P
Copper	ND	3.1		P
Lead	ND	2.2		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X679 **Site:** Chemtura Newark

Client: ERM

VOAMS

WATER - 624

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
939524	8/1/2008	8/1/2008			8/5/2008	Haitmanek, Christine	0209

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X679 **Site:** Chemtura Newark

Client: ERM

BNAMS

WATER - 625

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
939524	8/1/2008	8/1/2008	8/4/2008	Gayo, Rey	8/11/2008	Asfaw, Abebaye	6505

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X679 **Site:** Chemtura Newark

Client: ERM **Date Sampled:** 8/1/2008

Sample No.: 939524 **Date Received:** 8/1/2008

Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	8/5/2008	Sanagavarapu, Suguna	8/5/2008	Staib, Thomas	24933
CADMIUM	8/5/2008	Yang, Qin	8/8/2008	Polidori, Michael	24933
COPPER	8/5/2008	Yang, Qin	8/8/2008	Polidori, Michael	24933
LEAD	8/5/2008	Yang, Qin	8/8/2008	Polidori, Michael	24933
NICKEL	8/5/2008	Yang, Qin	8/8/2008	Polidori, Michael	24933
ZINC	8/5/2008	Yang, Qin	8/8/2008	Polidori, Michael	24933

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: X679 **Site:** Chemtura Newark

Client: ERM

WET CHEM

BOD

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
WATER							
939524	8/1/2008	8/01/2008			8/1/2008	Staib, Patricia	1741

TOTAL SUSP SOLIDS

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
WATER							
939524	8/1/2008	8/01/2008			8/4/2008	Staib, Patricia	3674

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides,PCBs & Herbicides:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for Organochlorine Pesticides and Method 8082 for PCBs. Organochlorine Herbicides are analyzed using SW846 Method 8151A.

Total Petroleum Hydrocarbons:

Unless otherwise specified, water and solid samples are analyzed for Total Petroleum Hydrocarbons using NJDEP Method OQA-QAM-025, "Quantitation of Semi-Volatile Petroleum Products in Water, Soil, Sediment and Sludge".

Diesel Range Organics (DRO) and Gasoline Range Organics (GRO):

Soil and water samples are analyzed for DRO and GRO as the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8015B (Non-Halogenated Organics Using GC/FID).

Metals Analysis:

Metals analyses are performed by any of five techniques specified by a Method Code provided on each data report page, as follows:

MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)- Mass Spectrometry (MS)

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020) and "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition), as appropriate. Solid samples are prepared and analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition).

Specific method references for ICP analyses are:

Water Matrix - EPA 200.7/SW846 6010B
Solid Matrix - SW846 6010B

The method reference for ICP-MS analysis is:

Non-Potable Water Matrix - EPA 200.8

Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Drinking water and wastewater samples are analyzed for cyanide using EPA Method 335. Cyanide is determined in solid samples using SW846 Method 9012A/9012B.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.1. Total phenols are determined in water by use of SW846 Methods 9065+9066, as appropriate.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

ORGANIC DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

ND - The compound was not detected at the indicated concentration.

B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.

M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.

N - The spiked sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

* - Duplicate Analysis is not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.

+ - Correlation coefficient for MSA is less than 0.995.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

(continued)

M Column - Method Qualifiers

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).

A - Flame Atomic Absorption Spectroscopy (FAA).

F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).

CV - Cold Vapor Atomic Absorption Spectroscopy.

MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)-Mass Spectrometry (MS).

Non-Conformance Summary

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nonconformance Summary

TestAmerica Edison Job # : X679

Client: ERM

Date: 8/19/2008

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

All data conforms with method requirements.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

Sample#939524: surrogate recoveries diluted out.

Metals:

All data conforms with method requirements.

Wet Chemistry:

QA Batch 1741 : Matrix spike/MSD % recoveries of BOD are outside Q.C. limits due to matrix interferenc(LCS recovery is within Q.C. limits)

Sub Work:

See Sublab Case Narrative.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

Joy Kelly

Project Manager

Aug 20, 2008

ERM
250 Phillips Blvd.
Suite 280
Ewing, NJ 08618

Attention: Mr. Vincent Shea

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. X679 - Chemtura Newark

Dear Mr. Shea:

Enclosed are the results you requested for the following sample(s) received at our laboratory on August 1, 2008.

Lab No.	Client ID	Analysis Required
939524	SysDis080108	PP VOA+15
		PPBNA+15 w/Aniline
		Cd
		Cu
		Pb
		Hg
		Ni
		Zn
		TSS
		BOD
		SGT 1664
		HEM 1664

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Joy Kelly
Project Manager

EPA Request #: III.B.1.e.

Chain of Custody Record

Temperature on Receipt 4 DK 98

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

X679

Client	Project Manager	Date	Chain of Custody Number
ERM	Vince Shea	8/1/08	066530
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
250 Phillips Blvd. Suite 280	(609) 895-0050		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Ewing / NJ / 08618	Vince Shea	Vince Shea	
Project Name and Location (State)	**Carrier/Waybill Number**		
Chemtura Newark (NJ)			
Contract/Purchase Order/Quote No.			
57054.05			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	PPVOA+15	PPBNA+25 with naphthalene	SGT/HEM	BOD	TSS	Cadmium	Copper	Lead	Nickel	Mercury	Zinc	Special Instructions/ Conditions of Receipt
Sys Dis 080108	8/1/08	0910		X			4		1	5			X	X	X	X	X	X	X	X	X	X	X	939524

Analysis (Attach list if more space is needed)

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/1/08	1110	1. Received By	8/1/08	1010
2. Relinquished By	8/1/08	1010	2. Received By	8/1/08	1010
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

PVSC41 - 0000748

Industrial Department

Environmental Resources Management

Princeton Crossroads Corp. Center
250 Phillips Blvd., Ste. 280
Ewing, NJ 08618
(609) 895-0050
(609) 895-0111 (fax)
http://www.erm.com

ERM®

19 September 2008

Mr. Andy Caltagirone
Manager of Industrial & Pollution Control
Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, NJ 07105

RE: August 2008 Monitoring Reports
Crompton Colors, Incorporated - Newark, NJ
Customer ID 20630008-1
Discharge Begun 17 July 2007

Dear Mr. Caltagirone:

On behalf of Chemtura Corporation (Chemtura), Environmental Resources Management (ERM) has prepared the attached Pretreatment Monitoring Report (PVSC Form MR-1) and User Charge Self Monitoring Report (PVSC Form MR-2). These forms have been executed by Mr. George Collentine of Chemtura Corporation, the corporate successor to Crompton.

The groundwater recovery system has been in continuous operation since 23 April 2008. The total volume discharged to the sanitary sewer during the month of August was calculated as follows:

- Starting totalizer reading = 196,328 gallons (8:15 AM on 8/1/2008)
- Final totalizer reading = 259,813 gallons (12:40 PM on 9/3/2008)
- Total volume = 63,485 gallons

In accordance with the December 2007 *NJPDES Monitoring Report Form Reference Manual*, the total toxic organic (TTO) data has been reported as a "CODE=E", with the laboratory analytical data package attached for reference.

Please contact Mr. George Collentine of Chemtura at (203) 573-2825 or me if you have any questions or require additional information.

Sincerely,

Vincent P. Shea, P.E.
Senior Engineer

cc: Mr. George Collentine, Chemtura
File

enclosures